

JB 10/23/06

line 3, page 21

Please replace the text beginning at ~~line 4, page 19~~ and ending line 29, page 21 with the following:

With reference now to Fig. 7 users 716 include ~~at least one geographic zone 718~~ within a building unit 717, having at least one geographic zone 718, whose tenancy may be residential, as in an apartment, semi-attached, detached dwelling, and the like, or industrial/commercial, as in an office, plant, mall, factory, warehouse, and the like, and which defines a demand for hydrogen. Such user 716 may transmit its demand by (i) use of a credit card, (ii) use of a smart card, or (iii) use of an electronic, electric, or wireless data transmission, to register a hydrogen demand within zone 718 to a zone controller 720 exemplifying zone data control and supply means.

Upon receipt of the demand, zone controller 720 determines the nature of the demand with respect to the quantity of hydrogen requested, the time to deliver the hydrogen, the conditions under which to deliver the hydrogen with respect to temperature, pressure, purity and the like, the end utilization purpose of the hydrogen, and the rate of delivery of the hydrogen requested. Such initial definition of this hydrogen demand may be performed by a single or a plurality of zone controller(s) 720 interconnected in a network configured as a "hub", "star", "ring" or "backbone" as exemplified in Figs. 1A-1C, in such a way as to permit intercommunication between all controllers 720 to a unit controller 721 for the unit 717 exemplifying a building data and control supply means via bus 722.

Upon receipt of the demand by unit controller 721 from the network of zone controllers 720, unit controller 721 determines the availability of all energy resources 12 available to building unit 717 ~~units 716~~ by polling the status from a network controller 14 to which it is interconnected with respect to the amount of energy available, the nature of the power available, the time availability of the energy, the type of energy source available, the unit price per increment of energy and compares this to the energy required to generate the energy, the type of energy source available, the unit price per increment of energy and compares this to the energy required to generate the hydrogen demanded by unit 717 ~~all units 716~~ and subsequent zones 718.